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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/737,904	11/20/96	GRIFFITH	IM1040002

LAHIVE & COCKFIELD  
28 STATE STREET  
BOSTON, MA 02109

HM11/1117

EXAMINER  
SCHWADRON, R

ART UNIT	PAPER NUMBER
1644	20

DATE MAILED: 11/17/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER

DATE MAILED:

Please find below a communication from the **EXAMINER** in charge of this application

Commissioner of Patents

The communication filed on 9/28/99 is not fully responsive to the communication mailed 8/24/99 for the reason(s) set forth on the attached Notice to Comply With the Sequence Rules or CRF Diskette Problem Report.

Since the response appears to be bona fide, but through an apparent oversight or inadvertence failed to provide a complete response, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication should be directed to Examiner Ron Schwadron, Ph.D., Art Unit 1644, whose telephone number is 703-308-4680.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.

RONALD B. SCHWADRON  
PRIMARY EXAMINER  
GROUP 1800-1600

Ron Schwadron, Ph.D.  
Art Unit 1644

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/737,904CDATE: 10/15/1999  
TIME: 11:21:27

Input Set: H737904C.RAW

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

1 <110> Immulogic Pharmaceutical Corp.  
2 <120> T CELL EPITOPES OF RYEGRASS POLLEN ALLERGEN  
3 <130> IMI-040CP3  
4 <140> US/08/737,904C  
5 <141> 1996-11-20  
6 <150> 08/106,016  
7 <151> 1993-08-13  
8 <160> 60 61 (see below)  
9 <170> PatentIn Ver. 2.0

Does Not Comply  
Corrected Diskette Needed

E--&gt;

## ERRORED SEQUENCES FOLLOW

10 <210> 61  
11 <211> 303  
12 <212> PRT  
13 <213> Lolium perenne  
14 <400> 61  
15 Met Ala Val Gln Gln Tyr Thr Val Ala Leu Phe Leu Ala Val Ala Ser  
16 -20 -15 -10  
17 Cys Arg Ala Arg Ala Ser Tyr Ala Ala Asp Ala Gly Tyr Ala Pro Ala  
18 -5 -1 1 5  
19 Thr Pro Ala Thr Pro Ala Thr Pro Ala Ala Pro Gly Ala Ala Val Pro  
20 10 15 20  
21 Ala Gly Lys Ala Ala Thr Glu Glu Gln Lys Leu Ile Glu Lys Ile Asn  
22 25 30 35 40  
23 Ala Gly Phe Lys Ala Ala Val Ala Ala Ala Gly Val Pro Pro Gly  
24 45 50 55  
25 Asp Lys Tyr Lys Thr Phe Val Glu Thr Phe Gly Lys Ala Ser Asn Lys  
26 60 65 70  
27 Ala Phe Leu Gly Asp Leu Pro Thr Asn Tyr Ala Asp Val Asn Ser Arg  
28 75 80 85  
29 Ala Gln Leu Thr Ser Lys Leu Asp Ala Ala Tyr Lys Leu Ala Tyr Asp  
30 90 95 100  
31 Ala Ala Gln Gly Ala Thr Pro Glu Ala Lys Tyr Asp Ala Tyr Val Ala  
32 105 110 115 120  
33 Thr Leu Ser Glu Ala Leu Arg Ile Ile Ala Gly Thr Leu Glu Val His  
34 125 130 135  
35 Ala Val Lys Pro Ala Ala Glu Glu Val Lys Pro Ile Pro Ala Gly Glu  
36 140 145 150  
37 Leu Gln Ile Val Asp Lys Ile Asp Val Ala Phe Arg Thr Ala Ala Thr  
38 155 160 165  
39 Ala Ala Asn Ala Ala Pro Thr Asn Asp Lys Phe Thr Val Phe Glu Thr

PAGE: 2

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/08/737,904C**

 DATE: 10/15/1999  
 TIME: 11:21:27

Input Set: H737904C.RAW

40		170		175		180													
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43	Tyr	Lys	Phe	Ile	Pro	Thr	Leu	Glu	Ala	Ala	Val	Lys	Gln	Ala	Tyr	Ala			
44					205					210					215				
45	Ala	Thr	Val	Ala	Ser	Ala	Pro	Glu	Val	Lys	Tyr	Ala	Val	Phe	Glu	Thr			
46				220					225				230						
47	Ala	Leu	Lys	Lys	Ala	Val	Thr	Ala	Met	Ser	Glu	Ala	Gln	Lys	Glu	Ala			
48			235				240				245								
49	Lys	Pro	Ala	Thr	Ala	Thr	Pro	Thr	Pro	Thr	Ala	Thr	Ala	Ala	Ala	Ala			
50		250					255				260								
51	Val	Ala	Thr	Asn	Ala	Ala	Pro	Val	Ala	Ala	Gly	Gly	Tyr	Lys	Ile				
52		265				270					275								
53																			
54																			

E--&gt;

1  
48  
delete  
at end of file

pyI

Please review the  
 Sequence Listing to ensure that a corresponding explanation is presented in the <220> to  
 <223> fields of each sequence which presents at least one n or Xaa.

Input Set: H737904C.RAW

Line ? Error/Warning

Original Text

8 E # of Seq. 60 Not Equal Actual 61  
54 E Invalid/Missing Amino Acid Numbering

<160> 60  
48

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**